

[illegible]

ImprovRED uses three thresholds for detecting congestion: a `minth`, a `maxth` and a `FeedbackThreshold`, which takes a value between the `minth` and the `maxth` thresholds. Whenever the average queue size is greater than `minth` and less than `FeedbackThreshold`, all outgoing packets are marked appropriately to indicate a potential onset of a congestion period. When the average queue size is greater than `FeedbackThreshold` (but less than `maxth`) packets are dropped probabilistically and all the outgoing packets are marked appropriately to denote the dropping phase. When the average queue size is greater than the maximum threshold, all incoming packets are dropped.

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